

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
24 February 2005 (24.02.2005)

PCT

(10) International Publication Number:  
**WO 2005/016135 A1**

(51) International Patent Classification<sup>7</sup>: **A61B 1/04**,  
1/00, 5/00

(21) International Application Number:  
PCT/NL2004/000568

(22) International Filing Date: 12 August 2004 (12.08.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
1024115 15 August 2003 (15.08.2003) NL

(71) Applicant (for all designated States except US): **P.J.M.J. BEHEER B.V.** [NL/NL]; Jacob Catslaan 25, NL-1985 AD Driehuis (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **JONGSMA, Peter, Johannes, Maria** [NL/NL]; Jacob Catslaan 25, NL-1985 AD Driehuis (NL). **SCHÖLLY, Werner, Hans** [CH/DE]; Marchstrasse 40, 79211 Denzlingen (DE).

(74) Agents: **VAN WESTENBRUGGE, Andries et al.**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

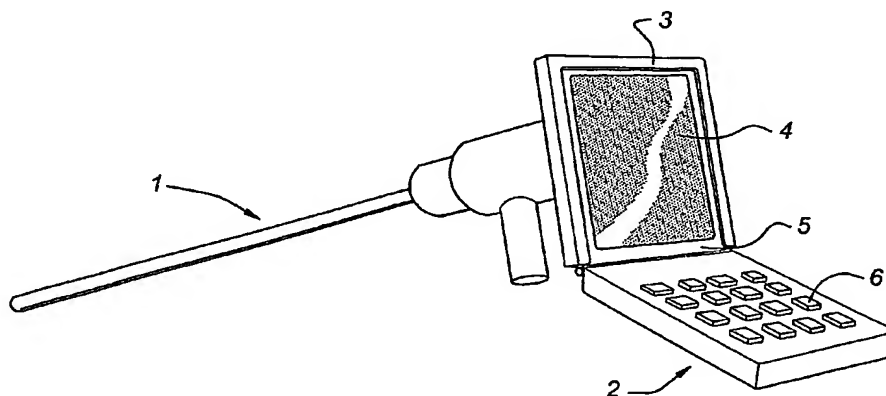
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **DEVICE FOR COUPLING AN ENDOSCOPE TO A VIDEOPHONE**



(57) Abstract: The invention describes an adapter for coupling an optical system, such as an endoscope, to a videophone, for example a mobile telephone having a camera. By coupling an endoscope to a videophone, an image can be transmitted directly to a remote observer. If the videophone has a screen, the image can also be viewed by the user on the screen without having to make use of an image processing system with a conventional screen. The adapter makes possible a simple and inexpensive method for viewing and transmitting an image of a part of an object.

WO 2005/016135 A1